

SOPRASTAR FLAM HD GR*

SOPRASTAR STICK HD GR

SOPRASTAR HD GR*

DESCRIPTION

SOPRASTAR FLAM HD GR*, **SOPRASTAR STICK HD GR** and **SOPRASTAR HD GR*** are high performance cap sheet membranes composed of SBS modified bitumen and a composite reinforcement. Those cap sheet membranes are covered with highly reflective white granules.

* Fire rated cap sheet membranes (**SOPRASTAR FLAM HD FR GR** and **SOPRASTAR HD FR GR**) are also available for increase fire resistance.

INSTALLATION

SOPRASTAR FLAM HD GR* is a heat-welded with a propane torch.

SOPRASTAR STICK HD GR is a self-adhesive membrane and **SOPRASTAR HD GR*** is adhered using **COLPLY ADHESIVE** or **SOPRASPHALTE M** hot SEBS bitumen. Both are installed over a sanded base sheet membrane.

FOR COMPLETE INFORMATION ON APPLICATION AND SYSTEMS, PLEASE CONSULT OUR SPECIFICATION MANUAL.

LEED® SOLUTION

SOPRASTAR membranes have a SRI of **84**, which meet the requirements of the Canadian Green Building Council's (CaGBC) LEED® credit SS7.2 regarding heat island.

PACKAGING

Properties	SOPRASTAR FLAM HD GR	SOPRASTAR STICK HD GR	SOPRASTAR HD GR
Thickness	4.0 mm (158 mil)		
Reinforcement	Composite		
Dimensions	8 x 1 m (26.2 x 3.3 ft)		
Roll weight	4.9 kg/m ² (1.0 lb/ft ²)	4.7 kg/m ² (0.96 lb/ft ²)	4.8 kg/m ² (0.98 lb/ft ²)
Selvage width	100 mm (4 in)		
Top face	Highly reflective white granules		
Underface	Thermofusible plastic film	Release protection film	Sanded
Application method	Heat Welded	Self-adhesive	With adhesive or hot SEBS bitumen
Rolls per skid	25		





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1.877.MAMMOUTH
www.soprema.ca

TECHNICAL DATA SHEET
170201SCAN1E
(supersedes 150901SCAN1E)

PROPERTIES

As per CAN/CGSB-37.56-M, 9th draft.

Properties	MD	XMD
Strain energy	11.9 kN/m	9.5 kN/m
Breaking strength	19.5 kN/m	15.1 kN/m
Ultimate elongation	61 %	75 %
Tear resistance	70 N	
Static puncture resistance	470 N	
Dimensional stability	-0.2 %	0.1 %
Plastic flow	$\geq 110^{\circ}\text{C}$ (230 °F) for SOPRASTAR FLAM HD GR & SOPRASTAR STICK HD GR $\geq 105^{\circ}\text{C}$ (221 °F) for SOPRASTAR HD GR	
Cold bending, at -30°C (-22 °F)	No cracking	
Lap joint strength	Pass > 4 kN/m	
SRI (ASTM E 1980) ¹	84	

1. (The reflectivity and emissivity were measured as per ASTM C 1549 and C 1371 respectively.)
Meets and exceeds the requirements of CAN/CGSB-37.56-M, 9th draft).
(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvage side on top. If the product is stored outdoors, cover them with an opaque protective cover after removal of the delivery packaging.



SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM